



INFORMATION DISCLOSURE CITATION

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Application No.
10/531,161

Docket No.
50821/5

Title: QUINAZOLINONE COMPOUNDS AS CALCILYTICS

Art Unit: 1624

Confirmation No.: 4723

Customer No.: 32642

Applicant - Shcherbakova et al.

Filing Date -

April 12, 2005

Examiner:

Tamthom Ngo
Truong

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TNT	✓1	5,162,325	11/10/1992	Chakravarty et al.	514	259	05/07/1991
	✓2	5,204,354	04/20/1993	Chakravarty	514	259	02/14/1992
	✓3	5,236,927	08/17/1993	Jones et al.	514	259	12/12/1990
	✓4	5,238,942	08/24/1993	Chakravarty	514	259	04/16/1992
	✓5	5,240,928	08/31/1993	Allen et al.	514	259	03/06/1991
	✓6	5,290,780	03/01/1994	Venkatesan et al.	514	259	01/14/1992
	✓7	5,304,565	04/19/1994	Morimoto et al.	514	340	03/07/1991
TNT	✓8	5,385,894	01/31/1995	De Laszio et al.	514	80	04/04/1994

FOREIGN PATENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
TNT	✓9	EP 411 766 A1	02/06/1991	EUROPEAN	C07D	239/91		
	✓10	EP 445 811 B1	09/11/1991	EUROPEAN	C07D	213/80		
	✓11	EP 481 614	04/22/1992	EUROPEAN	C07D	471/04		
	✓12	JP 09286792	11/04/1997	JAPAN			Abstract	X
	✓13	WO 1993/03034	07/22/1992	PCT	C07D	487/04		
	✓14	WO 1993/04077	08/21/1992	PCT	C07H	15/26		
	✓15	WO 1995/24410	09/14/1995	PCT	C07F	9/6512	Abstract	X
TNT	✓16	WO 1997/08153	03/06/1997	PCT	C07D	239/90	Abstract	X

EXAMINER :

DATE CONSIDERED

1/5/07

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FOREIGN PATENTS:

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
							YES	NO	
TNT	✓	17	WO 1997/10221	03/20/1997	PCT	C07D	239/88		
	✓	18	WO 1998/26664	07/25/1998	PCT	A01N	43/54		
	✓	19	WO 1999/08501	02/25/1999	PCT	C07D	265/12		
	✓	20	WO 2000/027831	05/18/2000	PCT	C07D	265/12		
	✓	21	WO 2001/023365	04/05/2001	PCT	C07D	239/91		
	✓	22	WO 2001/098278	12/27/2001	PCT	C07D	239/91		
	✓	23	WO 2002/048115	06/20/2002	PCT	C07D	239/00		
	✓	24	WO 2002/083143	10/24/2002	PCT	C07D	239/91		
	✓	25	WO 2003/026652	04/03/2003	PCT	C07D	471/16		
	✓	26	WO 2003/035075	05/01/2003	PCT	C07D	473/34		
	✓	27	WO 2003/048081	06/12/2003	PCT	C07D			
	✓	28	WO 2003/048158	06/12/2003	PCT	C07D	405/10		
	✓	29	WO 2003/076418	09/18/2003	PCT	C07D	239/91		
	✓	30	WO 2003/106435	12/24/2003	PCT	C07D	239/91		
	✓	31	WO 2004/013111	02/12/2004	PCT	C07D	239/91		
	✓	32	WO 2004/024161	03/25/2004	PCT	C07D	403/04		
TNT	✓	33	WO 2004/024162	03/25/2004	PCT	C07D	239/95		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

TNT	✓	34	Eid et al., 14(5) <i>European Journal of Medicinal Chemistry</i> 463-6 (1979).
	✓	35	Gupta et al., 50(4) <i>Proceedings of the National Academy of Sciences, India</i> 189-94, 1980.
	✓	36	Kulkarni et al., 60(9) <i>Journal of the Indian Chemical Society</i> 906-7 (Sept. 1983).
	✓	37	Misra et al., 29(5) <i>Journal of Pharmacology and Pharmacy</i> 543-8 (1977).
	✓	38	Misra et al., 30(4) <i>Polish Journal of Pharmacology and Pharmacy</i> 573-7 (1978).
	✓	39	Misra et al., 31(2) <i>Polish Journal of Pharmacology and Pharmacy</i> 161-7 (1979).
	✓	40	Misra et al., 55(10) <i>Journal of the Indian Chemical Society</i> 1046-8 (1978).
	✓	41	Misra et al., 67(2) <i>Indian Journal of Medical Research</i> 310-14 (1978).
	✓	42	Pandey, 26(4) <i>Indian Drugs</i> 168-71 (1989).
TNT	✓	43	Pandey, 54(11) <i>Journal of the Indian Chemical Society</i> 1084-6 (1977).

EXAMINER:

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INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

Docket Number (Optional)

508215

Application Number

10/531,161

Applicant(s)

Shecherbakova et al.

Filing Date

April 12, 2005

Group Art Unit

1614

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1.	6,413,973	07/02/2002	Walter et al.	514	259	11/27/1998

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TNY	1.	US 2005/0085493	04/21/2005	Brain et al.	514	266.2	02/05/2003
	2.	US 2006/0154942	07/13/2006	Culshaw et al.	514	266.24	10/10/2003
	3.	US 2004/0180912	09/16/2004	Beerli et al.	514	266.31	06/14/2002
TNY	4.	US 2006/0079685	04/13/2006	Altman et al.	544	283	12/22/2003

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

1.	Declaration of Will Heaton dated December 13, 2006.

EXAMINER

DATE CONSIDERED

1/5/07

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Form PTO-A820

(also form PTO-1449)

P034/REV05

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